

SWBAT: define and give examples of frequency

Jan 4-7:20 AM



Welcome!!!

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Physics C-244

SECA Physics
Monday 7 April 2014



* Nothing to pick up:

Opening Question:

What is something from break that you didn't expect?

Sep 7-7:04 AM

About this class...

- Points
 - PARTICIPATION
 - DAILY 3
 - TESTS/PROJECTS
- Expectations
- Make-up work
- Phones
 - ONE REMINDER PER DAY
 - 2ND TIME
 - CELL PHONE LOCK UP
 - OFFICE CONVERSATION

Centering

Mar 29-7:38 AM

What does FREQUENCY mean (in physics)?

RADIOS
SOUND
MUSICCABLE
INTERNETHOW REPETITIVE
HOW OFTENTELEGRAM
RATEHOW
MANY
PER UNIT
OF TIME

- 1) Think on your own for a few seconds
(room is quiet)
- 2) Talk it over with someone near you
(room is buzzing)
- 3) Share with the class different idea
(room gives attention to the person sharing)

Jan 31-7:19 AM

Let's test it out...

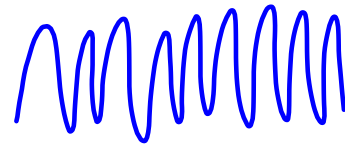
How many dots (or little slashes) can you make on the paper in 10 seconds?

73 80 66 82 85 93
 7.3 per sec $= 8.0 \text{ per sec}$ $= 6.6 \text{ per sec}$ $= 8.2 \text{ per sec}$ 8.5 per sec 9.3 per sec

What about with your other hand?

61 36 56 54 57 90
 6.1 3.6 5.6 5.4 5.7 9.0

Now make up and down squiggles. How many can you make on the paper in 10 seconds?



What about with your other hand?

Apr 11-7:36 AM

Brainstorm:

Different units of time

- one per slip of paper

What could have a frequency on that time scale???

YEAR: $\frac{\text{HOW MANY}}{\text{PER YEAR}}$
 CRIMES
 BIRTHS
 WEEKS WORKED
 TORNADOS

HOURS: $\frac{\text{FACTORY OUTPUT}}{\text{HOURS}}$
 MILES
 SMILES

Mar 25-7:44 AM

Daily 3 Questions

CP: No homework

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

Your can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM